

## CLAIMS

What is claimed is:

1. An apparatus, comprising:
  - a heat sink; and
  - an antenna connected to said heat sink.
2. An apparatus as claimed in claim 1, wherein said antenna may be moved relative to said heat sink.
3. An apparatus as claimed in claim 1, wherein said antenna may be disposed against said heat sink in a first position, and away from said heat sink in a second position.
4. An apparatus as claimed in claim 1, wherein said heat sink and said antenna may be disposed within a housing when said heat sink is in a first position, and said heat sink and said antenna may extend at least partially from the housing with said heat sink in a second position,

5. An apparatus as claimed in claim 1, said antenna to electrically couple to a circuit disposed on an integrated circuit, and said heat sink to dissipate heat from said integrated circuit.

6. An apparatus as claimed in claim 1, further comprising an end cap, wherein a user may push on said end cap to place said heat sink into at least a retracted position within a housing.

7. An apparatus, comprising:

a housing;

a heat sink to dissipate heat generated within said housing; and

an antenna;

wherein said heat sink and said antenna may be at least partially retracted within said housing in a first position, and wherein said heat sink and said antenna may be at last partially extended from said housing in a second position.

8. An apparatus as claimed in claim 7, wherein said heat sink is thermally coupled to a first integrated circuit, and said antenna is electrically coupled to a second integrated circuit.

9. An apparatus as claimed in claim 7, said heat sink to thermally couple to an integrated circuit, and said antenna to electrically couple to the integrated circuit.

10. An apparatus as claimed in claim 7, said heat sink to thermally couple to a processor disposed within the housing, and said antenna to electrically couple to a radio-frequency circuit within said housing.

11. An apparatus as claimed in claim 7, wherein said antenna may be moved relative to said heat sink when said heat sink is disposed in an extended position.

12. An apparatus as claimed in claim 7, further comprising a spring to force said heat sink into an extended position at least partially extending from said housing.
13. An apparatus as claimed in claim 7, further comprising a heat conductor to conduct heat from an integrated circuit within said housing to said heat sink.

14. A network interface card, comprising:

a housing;

a baseband processor;

a radio-frequency transceiver; and

a heat sink and antenna;

wherein said heat sink is thermally coupled to at least one of said radio-frequency transceiver and said baseband processor, said antenna to couple to said radio-frequency transceiver, and said heat sink and said antenna to be at least partially retracted within said housing in a first position and at least partially extended from said housing in a second position.

15. A network interface card as claimed in claim 14, wherein said antenna is movable with respect to said heat sink.

16. A network interface card as claimed in claim 14, wherein said baseband processor and said radio-frequency transceiver are disposed on a single integrated circuit.

17. A network interface card as claimed in claim 14, at least one function of said baseband processor to be executed by a host processor disposed in a host computing platform.

18. A computing platform, comprising:
- a housing;
  - an input device disposed on said housing;
  - an integrated circuit disposed within said housing;
  - a heat sink to dissipate heat generated by said integrated circuit; and
  - an antenna;
- wherein said heat sink and said antenna may be at least partially retracted within said housing in a first position, and wherein said heat sink and said antenna may be at last partially extended from said housing in a second position.

19. A computing platform as claimed in claim 18, wherein said input device is at least one of a touch pad, a keyboard, and a touch screen.
20. A computing platform as claimed in claim 18, further comprising an end cap disposed on an end of said heat sink.